

H 7030

to

H 7078

Station No. *H. 7030*

Date:

Aug 24

191

Hour: 7:30 A. M. to

. M.

Position: Lat. 23-6-30 N Long. 114-18-00 W  
Chart 1006 H.O.

Locality:

Depth:

**Bottom:**

Sample:

Wind: Direction,

**Force,**

Sea:

Sky:

## TEMPERATURES

[illegible]

## CURRENTS

[illegible]

Color of water:

**Transparency:**

REMARKS: Under way

11—5314

## NETS, ETC., USED

[illegible]

11—5314

## NOTES

1916

Position: Lat. 73-6-00 N Long. 114-14-30 W  
Chart 1006 H.O.

Depth: Bottom: Sample:

Sea: Sky:

[illegible][illegible]

**Transparency:**

11—5314



1916

. M.

Chart 1006 H.O.

**Locality:**

Sample:

Force,

Sky:

## TEMPERATURES

[illegible]

## CURRENTS

[illegible]

**Transparency:**

REMARKS: Under way.



Station No. *A 7033*

Date: Aug 24

1916

Hour: 9:00 A. M. to . M.

Position: Lat. 23-6-00 N Long. 114-5-00 W  
Chart 1006 H.O.

**Locality:**

Depth:	Bottom:	Sample:
--------	---------	---------

Wind: Direction, Force,

Sea: Sky:

### TEMPERATURES

[illegible]

## CURRENTS

[illegible]

Color of water: Transparency:

REMARKS: Under way





191

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

191

**Locality:**

Sca: Sky:

## TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

REMARKS: Under way



Station No. 14-36

Date: \_\_\_\_\_

191

Hour: 11:00 A. M. to . M.

Position: Lat. 73-5-30 N Long. 113-48 W

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Alcedo naxos*

11—5314



Station No. H 7037 Date: Aug 24

Date:

Aug 24

191 *6*

Hour: 11:30 A. M. to

. M.

Position: Lat. 23-5-00 N Long. 113-43 30 W

Chart 1006 H.O.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

## TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

11—5314



# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. 117135

Date: Aug 21

191 ✱

Hour: 12:00 <sup>noon</sup> . M. to . M.

Position: Lat. 23 5-50 N Long. 113-39-30 W  
e haul 1000 ft.

[Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

[illegible][illegible]

Color of water: Transparency:

REMARKS: *Small, grey*

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES





Station No. 777647

Date: Aug 24

191 C

Hour: 1:00 P. M. to . M.

Position: Lat. 23-500 N Long. 113-3100 W  
Chart 1506 H

Locality:

Depth: Bottom: Sample:

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

## TEMPERATURES

Depth	Thermometer -- Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 129	22.55	—	0.0	22.55		

## CURRENTS

[illegible]

Color of water:

**Transparency:**

REMARKS: *Amelia* new

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5014

NOTES





# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5014

NOTES









Station No. *F17614*

Date: Aug 20

1916

Hour: 3:00 P. M. to

. M.

Position: Lat. 23-400 N Long. 113 15 00 W  
Chart 1006 H.O.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 427	23.5	—	0.0	23.5		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

11—5314

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5311

## NOTES

Psy 1022.3 D 240

Station No. 11712

Hour: 3:30 P. M. to . M.

Position: Lat. 23 4 56 N Long. 113 11 35 W  
chart 1006 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

[illegible]

## CURRENTS

[illegible]

Color of water: Transparency:

REMARKS: *Under way*





Station No. 11700

Date: Aug 20

1916

Hour: 4:00 P. M. to

. M.

Position: Lat. 73-4 00 N Long. 113-7 -30 W  
Chart 1006 H.O.

Locality:

Depth: \_\_\_\_\_ Bottom: \_\_\_\_\_ Sample: \_\_\_\_\_

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

## TEMPERATURES

[illegible]

## CURRENTS

[illegible]

Color of water:

**Transparency:**

REMARKS: Under way

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5814

NOTES

1916

Position: Lat. 23° 3' 30" N Long. 113° 3' 00" W  
Chart 1006 H.O.

Depth: Bottom: Sample:

Sea: Sky:

[illegible]

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

**Transparency:**

11-5314



Station No. *H 7146*

Date: Aug 2<sup>nd</sup>

191 *l*

Hour: 5:00 P. M. to . M.

Position: Lat. 23-3-00 N Long. 112-57-00 W  
Chart 1006 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

## TEMPERATURES

[illegible]

## CURRENTS

[illegible]

Color of water:

**Transparency:**

REMARKS: Under way

11—5314

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5014

## NOTES

Pay W 22.6 D 23.7

191/

. M.

Chart 1006 H<sub>2</sub>O.

Locality:

Sample:

Force,

Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 479	73.1	-	.00	73.1		

## CURRENTS

[illegible]

Color of water:

**Transparency:**

REMARKS:

11—5314



# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES









191 /

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

### TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	S4429	78.1	-	-6.0	72.1		

## CURRENTS

[illegible]

Color of water:

**Transparency:**

REMARKS: Under way



Station No. *A17653*

Date:

191/

Hour: 8:00 P. M. to . M.

Position: Lat. 23 2.00 N Long. 112 31.00 W  
 04001 1006 1100

"April 1006 1100"

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV429	23.4	—	-0.0	23.4		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way





Station No. 41, 050

Hour: 8:30 P. M. to . M.

Position: Lat. 23-1-30 N Long. 112-31 50 W  
Chart 1006 H.O.

Locality:

Depth: \_\_\_\_\_ Bottom: \_\_\_\_\_ Sample: \_\_\_\_\_

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

## TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: *Under way*

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *H 7055*

Date: Aug 24 1916

Hour: 9:00 P. M. to . M.

Position: Lat. 23-1-30 N Long. 112-27 00 W  
Chart 1006 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

## TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: *Under way*

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

## NOTES

Poy W 22.5 D 24.4

Station No. *H 7056*

Date: Aug 24 1916

Hour: 9:30 P. M. to

. M.

Position: Lat. 23-1-00 N Long. 112-22-30 W  
Chart 1006 H.O.

Locality:

Depth: \_\_\_\_\_ Bottom: \_\_\_\_\_ Sample: \_\_\_\_\_

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: Sky:

### TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. H 7657

Date: 1911/

Hour: 10:00 P. M. to . M.

Position: Lat. 23-1-00 N Long. 112-18-30 W  
Chart 1006 H.O.

**Locality:**

Depth: Bottom: Sample:

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: Sky:

## TEMPERATURES

[illegible]

## CURRENTS

[illegible]

Color of water:

**Transparency:**

REMARKS: Under way



# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. 177058 Date: Aug 24 1916

Hour: 10:30 P. M. to . M.

Position: Lat.  $23^{\circ} 15' 00''$  Long.  $112^{\circ} 15' 00''$  W  
Chart 1006 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

## TEMPERATURES

[illegible]

## CURRENTS

[illegible]

Color of water: Transparency:

REMARKS: Under way

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. 117659

Hour: 11:00 P. M. to

Position: Lat. 23 50 00 N Long. 112 11 00 W  
Chart 1011 H.C.

Locality:

Depth: Bottom: Sample:

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

**Sea:** **Sky:**

## TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS:

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

## NOTES

Psy. W 22.7 D 21.5





Station No. *A17061*

Date:

191

Hour: 12:00 *Midnight* . M. to . M.

Position: Lat. 23-00-00 N Long. 112-30-00 W  
Chart 1006 H.O.

**.Locality:**

Depth: Bottom: Sample:

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: Sky:

### TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	•					

Color of water:

**Transparency:**

REMARKS: Under way

11—5314



# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Station No. 417162

Date:

Aug 25

191/

Hour: 12:30 A. M. to

. M.

Position: Lat. 22-59-30 N Long. 111 59-00 W  
chart 1006 H.O.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

## TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS:

Monday May

11—511-6



Station No. A 7063

Date:

1916

Hour: 1100 A. M. to . M.

Position: Lat. 22-59-30 N Long. 111-55-00 W  
Chart 1006 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 1127	24.5	—	-0.0	24.5		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

11—5314



Station No. H 7064

Date: Aug 21

191/

Hour: 1:30 A. M. to . M.

Position; Lat. 7-2 59 00 N Long. 111-51-00 W  
Chart 1006 H. O.

**Locality:**

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Synther	24.6	—	-0.0	24.6		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. 11 2065

Date: 11/17/23 1916

Hour: 2:00 A. M. to . M.

Position: Lat. 22-59.00 N Long. 111-47 50 W  
Chart 1006 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 429	24.65	—	-1.0	23.65		

## CURRENTS

[illegible]

Color of water: Transparency:

REMARKS: - 1/2 mile 1.2.2.1



# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

## NOTES

1-3y 11 22.4 12 24.3

Station No. *FI 7066*

Date:

191/

Hour: 2:30 A. M. to . M.

Position: Lat. 22-59-30 N Long. 111-42-30 W  
Chart 1006 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

## TEMPERATURES

[illegible]

## CURRENTS

[illegible]

Color of water: Transparency:

REMARKS: *Light 12*

## NETS, ETC., USED

[illegible]

11—5314

## NOTES

Station No. *H 7167*

Date: Aug 23

191 (

Hour: 3:00 A. M. to . M.

Position: Lat. 22-58 30 N Long. 111-38 00 W  
Chart 1006 H.O.

Locality:

Depth: \_\_\_\_\_ Bottom: \_\_\_\_\_ Sample: \_\_\_\_\_

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: Sky:

## TEMPERATURES

[illegible]

## CURRENTS

[illegible]

Color of water:

**Transparency:**

REMARKS: Under way

11—5314

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES









NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy W 22.7 D 22.6

Station No. 417070

Date: \_\_\_\_\_

191✓

Hour: 11:30 A. M. to . M.

Position: Lat. 22-58-50 N Long. 111-25-30 W  
Chart 1006 H.O.

**Locality:**

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS:

11—P314





# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES



# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. H 7073

Date: Aug 21 -

191 /

Hour: 6:00 A. M. to

. M.

Position: Lat. 22 56 30 N Long. 111 15 00 W

Chart 1006 H.O.

~~Locality:~~ Drifted SW, probably 2 miles; could not determine end-position of station.

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

### TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 429	24.1	—	-0.0	24.1		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: 1/4000 - to





Station No. *H 7072*Date: *Aug 21*191 *6*Hour: *6:26* A. M. to *7:25* A. M.

Position: Lat. \_\_\_\_\_

Long. \_\_\_\_\_

Locality: \_\_\_\_\_

Depth: \_\_\_\_\_

Bottom: \_\_\_\_\_

Sample: \_\_\_\_\_

Wind: Direction, \_\_\_\_\_

Force, \_\_\_\_\_

Sea: \_\_\_\_\_

Sky: \_\_\_\_\_

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 479</i>	<i>74.6</i>	<i>—</i>	<i>0</i>	<i>74.6</i>		
<i>25</i>	<i>N263155</i>	<i>L 75.0</i>	<i>—</i>	<i>-0.75</i>	<i>74.25</i>		<i>5</i>
	<i>N298256</i>	<i>R 74.2</i>	<i>—</i>	<i>-1.2</i>	<i>74.2</i>		
<i>50</i>	<i>N271156</i>	<i>L 63.0</i>	<i>—</i>	<i>-0.65</i>	<i>62.35</i>		
	<i>N298260</i>	<i>R 62.5</i>	<i>—</i>	<i>-0.5</i>	<i>62.0</i>		
<i>75</i>	<i>N216311</i>	<i>L 14.3</i>	<i>22.2</i>	<i>-0.2</i>	<i>14.1</i>		
	<i>SV 496</i>	<i>R 14.5</i>	<i>21.2</i>	<i>+0.05</i>	<i>14.2</i>		
<i>100</i>	<i>N216311</i>	<i>L 14.50</i>	<i>21.3</i>	<i>-0.1</i>	<i>14.4</i>		
	<i>SV 495</i>	<i>R 14.40</i>	<i>21.1</i>	<i>-0.1</i>	<i>14.3</i>		
<i>125</i>	<i>N216311</i>	<i>L 11.50</i>	<i>19.3</i>	<i>-0.25</i>	<i>11.25</i>		
	<i>SV 497</i>	<i>R 11.40</i>	<i>19.0</i>	<i>-0.15</i>	<i>11.25</i>		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: \_\_\_\_\_

Transparency: \_\_\_\_\_

REMARKS: \_\_\_\_\_

11-5314



Station No. 4-7073 Date: May 25 1916

Hour: 7:11 A.M. to 8:27 A.M.

Position; Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

# TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 429	14.4	—	-0.1	14.3		
100	NZ 165868	14.4	18.1	-0.05	14.35		
	NZ 165869	—	—	—	—		
150	NZ 165871	13.5	17.5	-0.2	13.3		
	SV 486	—	—	—	—		
200	RIR 150	12.5	17.5	-0.1	12.4		
	SV 805	—	—	-0.15	10.65		
500	NZ 164892	7.5	18.6	-0.3	7.2		
	SV 497	7.4	19.3	-0.3	7.1		

# CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 5 ft



Station No. 41717

Date: Aug 24

191/.

Hour: 7:00 A.M. to . M.

Position: Lat. 22-56.03 N Long. 111-7.00 W  
 Date: 1946 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

[illegible]

## CURRENTS

<b>Depth</b>	<b>Hour</b>	<b>Tide</b>	<b>Time down</b>	<b>Revolutions</b>	<b>Speed</b>	<b>Direction</b>

Color of water:

**Transparency:**

REMARKS: Under way

11—5314



Station No. *H 2075*

Date:

1916

Hour: 7:30 A. M. to . M.

Position: Lat. 22-56-00 N Long. 111-2-00 W  
 1006 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS:

Wednesday









Station No. #1 7077

Date:

1916

Hour: 11:00 A. M. to . M.

Position: Lat. 22-55.00 N Long. 110-48-30 W  
Chart 1006 H.O.

**Locality:**

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

11—5314

25-14

[illegible]

11—5314

## NOTES

Station No. *H 7078*

Date:

Aug 25

191 6

Hour: 11:30 A. M. to

. M.

Position: Lat. 22-55-00 N Long. 110-44-00 W  
Chart 1006 H.O.

**Locality:**

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

## TEMPERATURES

[illegible]

## CURRENTS

[illegible]

Color of water:

**Transparency:**

REMARKS:

Under way

11—5314



Witmer

Toronto Disc 1.

and laying